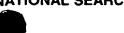
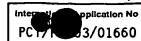
# Ree'd PCT/PTO 14 DEC 2004

## INTERNATIONAL SEARCH REPORT





A. CLASSIFICATION OF SUBJECT MATTER
1PC 7 A01034/66

10/516329

According to International Patent Classification (IPC) or to both national classification and IPC

#### B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols) I PC  $\,\,7\,\,$  A  $\,\,$  A  $\,$  0  $\,$  1D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

#### **EPO-Internal**

C. DOCUM	ENTS CONSIDERED TO BE RELEVANT	<del></del>
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 0 965 258 A (KRONE BERNHARD GMBH MASCHF) 22 December 1999 (1999-12-22) cited in the application column 4, line 26 -column 5, line 46; figures 2,3	1-4,6,8, 9,15
A	US 4 761 940 A (WOLFF MICHEL) 9 August 1988 (1988-08-09) column 5, line 1 - line 33 column 8, line 53 -column 9, line 12	1,2,4, 8-10,15
A	US 5 012 635 A (WALTERS JAMES C ET AL) 7 May 1991 (1991-05-07)	
Α .	EP 0 878 120 A (KRONE BERNHARD GMBH MASCHF) 18 November 1998 (1998-11-18)	

Further documents are listed in the continuation of box C.	Patent family members/are listed in annex.
Special categories of cited documents:  'A' document defining the general state of the art which is not considered to be of particular relevance  'E' earlier document but published on or after the International filling date  'L' document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)  'O' document referring to an oral disclosure, use, exhibition or other means  'P' document published prior to the international filling date but later than the priority date claimed	<ul> <li>'T' later document published after the International filing date or priority date and not in conflict with the application but clied to understand the principle or theory underlying the invention</li> <li>'X' document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</li> <li>'Y' document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.</li> <li>'&amp;' document member of the same patent family</li> </ul>
Date of the actual completion of the international search	Date of mailing of the international search report
20 October 2003	28/10/2003
Name and mailing address of the ISA	Authorized officer
European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tet. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	De Lameillieure, D

# INTERNATIONAL SEARCH REPORT

Interpett	pplication No
PC 17 F	3/01660

		PCT/1 3	/01660
C.(Continua	stion) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category °	Citation of document, with indication, where appropriate, of the relevant passages		Relevant to claim No.
A	EP 0 427 353 A (FORD NEW HOLLAND INC) 15 May 1991 (1991-05-15)		
A	US 4 890 445 A (CRANE JACK W) 2 January 1990 (1990-01-02)		·
Α	US 4 426 828 A (NEUERBURG HORST) 24 January 1984 (1984-01-24)		
ə.	·· ·		
		; -	
;			•
	10 (continuation of second sheet) (July 1992)		

## INTERNATIONAL SEARCH REPORT

on patent family members

PCT/ 3/01660

	PC17 N 33/01660				
Patent document cited in search report		Publication date		Patent family member(s)	Publication date
EP 0965258	Α	22-12-1999	DE EP	19827072 A1 0965258 A1	30-12-1999 22-12-1999
US 4761940	 А	09-08-1988	FR	2570248 A1	21-03-1986
03 4/01940	^	09 00 1900	AT	69535 T	15-12-1991
			AT	90501 T	15-07-1993
			AT	88852 T	15-05-1993
			DE	3584711 D1	02-01-1992
			DE	3587325 D1	09-06-1993
			DE	3587325 T2	13-01-1994
		••	DE	3587411 D1	22-07-1993
			DE	3587411 T2	17-02-1994
			DK	129092 A	23-10-1992
			DK	129192 A 401785 A	23-10-1992
			DK Ep	0175629 A1	20-03-1986 26-03 <b>-</b> 1986
			EP	0300207 A2	25-01-1989
			EP	0297384 A2	04-01-1989
			FI	853573 A ,B,	20-03-1986
			FΪ	891553 A ,B,	31-03-1989
			JP	1892892 C	26-12-1994
			ĴΡ	6016657 B	09-03-1994
			JP	62019020 A	27-01-1987
US 5012635	 А	07-05-1991	CA	2041475 A1	02-12-1991
			DE	69106592 D1	23-02-1995
			EP 	0460491 A1	11-12-1991
EP 0878120	Α	18-11-1998	DE	19720956 A1	19-11-1998
			AT	204117 T	15-09-2001
			DE	59801204 D1	20-09-2001
			DK	878120 T3	12-11-2001
			EP	0878120 A2	18-11-1998
EP 0427353	Α	15-05-1991	EP	0427353 A2	15-05-1991
			CA	1269846 A1	05-06-1990
			DE DE	3781440 D1 3781440 T2	08-10-1992 18-02-1993
			EP	0240084 A2	07-10-1987
			ŪS	4838014 A	13-06-1989
US 4890445	Α	02-01-1990	NONE		
US 4426828	 А	24-01-1984	 FR	2496391 A1	25-06-1982
			DE	3149873 A1	29-07-1982
			DE	3149887 A1	26-08-1982
			DK	546981 A	20-06-1982
			DK	547081 A	20-06-1982
			GB GB	2089636 A ,B 2089637 A ,B	30-06-1982 30-06-1982
			GB IT	2089637 A , B 1168199 B	20-05-1987
			ΪΤ	1168200 B	20-05-1987
			ĴΡ	1692252 C	27-08-1992
			JP	3046085 B	15-07-1991
			ĴΡ	57150318 A	17-09-1982
			JP	1656978 C	13-04-1992
			JP JP JP	1656978 C 3012843 B 57150319 A	13-04-1992 21-02-1991 17-09-1982

# INTERNATIONAL SEARCH REPORT

optication No Interest

đơ	on patent family o		PCT/	3/01660	
Patent document cited in search report	Publication date		Patent family member(s)	,	Publication date
US 4426828 A		NL NL US	810573 810573 444399	30 A ,B, 31 A 98 A	16-07-1982 16-07-1982 24-04-1984